

Contents of Volume 17

VOL. 17, NO. 1

NOVEMBER 1992

Research Papers

- Localization of topographic Rossby waves over random relief
D. Sengupta, L.I. Piterbarg and G.M. Reznik (Moscow, Russia) 1
- How useful are localized clusters of traditional oceanographic measurements for data assimilation?
P. Malanotte-Rizzoli and R.E. Young (Cambridge, MA, USA) 23
- Characteristics of acoustic scattering from a wind-created water surface covered with monomolecular organic films
S.J. Pogorzelski (Gdansk, Poland) 63

Book Review

- Teleconnections Linking Worldwide Climate Anomalies
by M.H. Glantz, R.W. Katz and N. Nicholls (Editors) — T.J. Chandler 79

Announcement 83

Guide for Authors 85

VOL. 17, NOS. 2–3

JANUARY 1993

Research Papers

- A comparison of two methods for the assimilation of altimeter data into a shallow-water model
K. Haines, P. Malanotte-Rizzoli, R.E. Young (Cambridge, MA, USA) and W.R. Holland (Boulder, CO, USA) 89
- Propagation of bottom-trapped waves over variable topography
S.R. Shetye (Goa, India) 135
- A note on the intergyre mass exchange due to migrating wind
Z. Liu (Woods Hole, MA, USA) 157
- Penetration of interannual planetary waves across a gyre boundary
Z. Liu (Woods Hole, MA, USA) 169
- The role of molecular diffusion in the deepening of the mixed layer
Y. Noh and H.J.S. Fernando (Tempe, AZ, USA) 187

Book Reviews

- Antarctic Sector of the Pacific
C.P. Summerhayes 217
- Climate Variability, Climate Change and Fisheries
S.J. de Groot 220

Announcement 223

*Research Papers*A parcel theory approach to β -plane inertial stability

D.J. Parker 225

A frictional sublayer for western boundary currents

R.L. Hughes 243

Dissipative effects on inertial flows over a sill

R.C. Wajsowicz 257

Book Review

Climate Since A.D. 1500

T.J. Crowley 303